

## HIGH VOLUME LIQUID WASTE COLLECTION AND DISPOSAL SYSTEM

### Abstract

A system for collecting and disposing of liquid medical waste includes a fluid collection cart and a draining and cleaning station. The fluid collection cart includes a pair of containers, each of which includes a draining port and a cap. Each cap includes an outer portion having a flushing port and a bore formed therein and an inner portion having vacuum and patient ports formed therein. The inner cap portion is disposable and removably positioned within the bore of the outer cap portion. Liquid level detectors also communicate with each container. The cart also includes a regulator so a low vacuum level may be pulled on one of the containers while a full vacuum level is pulled on the other container. Fluids are collected in the containers via suction tubes connected to the patient ports. The flushing and drain ports of the containers are connected to corresponding flushing and drain connectors on the station when the containers are full so that they may be drained and flushed. The cart liquid level detectors communicate with the station microprocessor so that the draining and flushing cycles may be properly sequenced. The station may also clean suction canisters.